



PORTABLE HAND CHAIN SAW

Model 94979

OPERATING INSTRUCTIONS



Due to continuing improvements, actual product may differ slightly from the product described herein.



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**TO PREVENT SERIOUS INJURY,
READ AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.**

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For technical questions, please call 1-800-444-3353.

PRODUCT SPECIFICATIONS

Item	Description
Chain Specifications	27-1/4" L x 1/4" W x 11/16" H 38 Drive Link 3/8" Pitch 0.058" Gauge Bi-Directional Cutting Capability
Finish	Blued Steel Chain Zinc Plated Handle Frames & Hardware White, Molded, PVC Hand Grips
Unit Weight	1.7 Lb.

SAVE THIS MANUAL

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.

GENERAL SAFETY RULES

IMPORTANT SAFETY INSTRUCTIONS



WARNING!

READ AND UNDERSTAND ALL INSTRUCTIONS

Failure to follow all instructions detailed in this manual may result in serious personal injury.

SAVE THESE INSTRUCTIONS



WORK AREA

1. **Keep your work area clean and well lit.** Cluttered and dark work areas invite accidents.

PERSONAL SAFETY

2. **Stay alert.** Watch what you are doing, and use common sense when operating tools and equipment. Do not use the Hand Chain Saw while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating tools and equipment may result in serious personal injury.

TOOL USE AND CARE


3. **Dress properly.** Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
4. **Do not overreach.** Keep proper footing and balance at all times. Proper footing and balance enables better control of the Hand Chain Saw in unexpected situations.
5.  **Always wear eye protection.** Wear ANSI approved safety impact goggles when using this product.
6.  **Always wear hand protection.** Saw teeth are extremely sharp. Handle with extreme care, and always wear heavy duty work gloves. In addition, wear an ANSI approved hard hat and steel toe boots for additional protection.
7. **Do not force the Hand Chain Saw.** Use the correct product for your application. The correct product will do the job better and safer at the rate for which it is designed.
8. **Store idle tools and equipment out of reach of children and other untrained people.** Tools and equipment are dangerous in the hands of untrained users.
9. **Maintain the Hand Chain Saw with care.** Keep this product clean and sharp. A properly maintained tool is easier to control. Do not use damaged tools and equipment. Tag damaged tools and equipment “Do not use” until repaired.
10. **Check for misalignment or binding of moving parts, loose or broken parts, and any other condition that may affect the Hand Chain Saw’s operation.** If damaged, have the Saw serviced before using. Many accidents are caused by poorly maintained tools and equipment.
11. **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one product may become hazardous when used on another product.

SERVICE




12. **Product service must be performed only by qualified service technician.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
13. **When servicing the Hand Chain Saw, use only identical replacement parts.** Follow instructions in the “*Inspection, Maintenance, And Cleaning*” section of this manual. Use of unauthorized parts or failure to follow maintenance instructions

may create a risk of personal injury.

SPECIFIC SAFETY RULES

1. **Maintain labels and nameplates on the Hand Chain Saw.** These carry important information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
2. **Use the right product for the job.** There are certain applications for which this product was designed. Do not use small tools, equipment, or attachments to do the work of larger industrial tools, equipment, or attachments. Do not use this product for a purpose for which it was not intended.
3. **Always make sure the work area is clear of any children and pets before and during use of this product.**
4. **Always plan carefully where a tree limb will fall to avoid damage to property and/or personal injury.**
5. **Never stand directly beneath the limb you are cutting.** Always stand well off to the side.
6. **Do not use the Hand Chain Saw to cut anything except tree limbs and roots.**
7. **Always maintain a firm grip on the Handles of the Hand Chain Saw with both hands. This tool is designed for use only by one person at a time.**
8. **Be aware that prior to starting a cut, the chain may swing back towards the user's arms if chain is held above the handles.**
9.  **WARNING!** Branch trimming is a dangerous activity. The use of this Hand Chain Saw requires you to be in good physical condition, and with good balance and coordination. If you are in any doubt about the safety issues involved, have a qualified, certified, arborist/tree surgeon do the work for you.
10. **Never use the Hand Chain Saw near overhead electric power lines.**
11. **Industrial applications must follow OSHA requirements.**
12. **Never pass hands or legs under the Chain when cutting wood.** Always keep hands and legs a safe distance away from the moving Chain.
13. **Do not use the Hand Chain Saw if the Chain is dull.**
14. **Make sure the wood being cut does not contain foreign materials such as**



nails, spikes, stones, etc.

15.  **WARNING!** Ladders are inherently dangerous equipment to use. If you are using a ladder, make sure to read and adhere to the safety warnings and instructions as recommended by the manufacturer/distributor of the ladder you are using.
16.  **WARNING!** The warnings and cautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
17.  **WARNING!** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contain chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are: lead from lead-based paints, crystalline silica from bricks and cement or other masonry products, arsenic and chromium from chemically treated lumber. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.
(California Health & Safety Code 25249.5, et seq.)

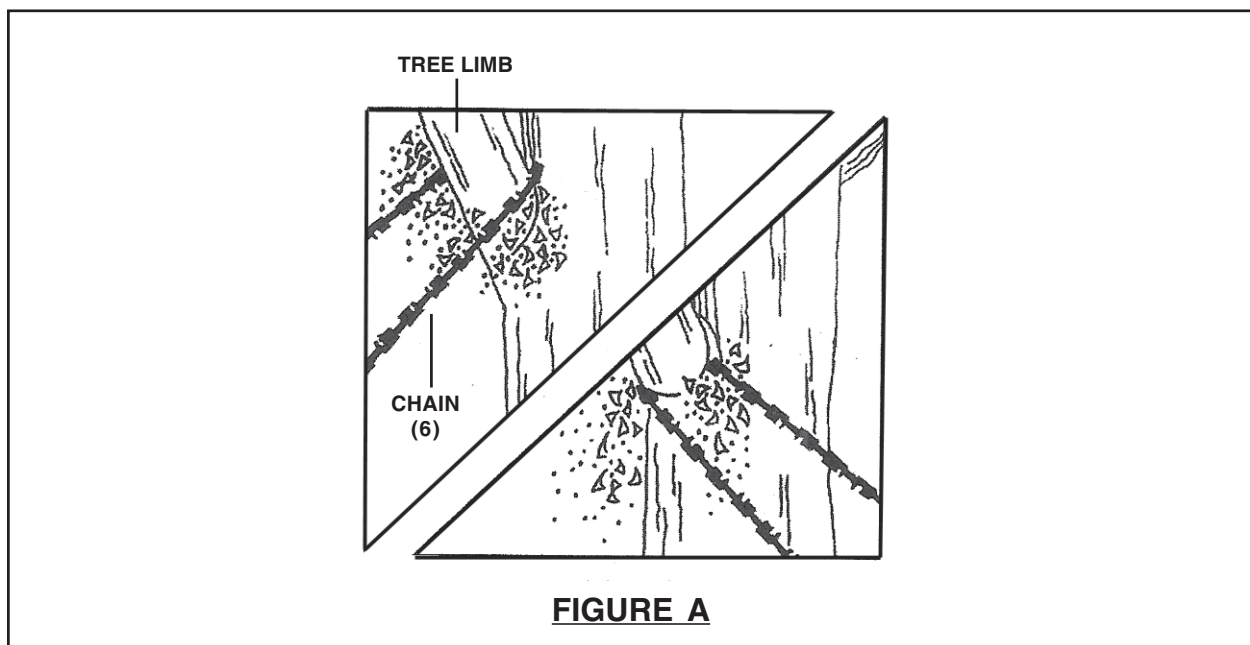
UNPACKING

When unpacking, check to make sure all the parts shown in the **Parts List on page 8** are included. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the front cover of this manual as soon as possible.



OPERATING INSTRUCTIONS

1.  **Always wear eye protection.** Wear ANSI approved safety impact goggles when using this product.
2.  **Always wear hand protection.** Saw teeth are extremely sharp. Handle with extreme care, and always wear heavy duty work gloves. In addition, wear an ANSI approved hard hat and steel toe boots for additional protection.
3. Check to make sure there are no children, adults, or animals in the area.
4. Place the Chain (6) around the tree limb to be cut. Make sure there are no kinks in the Chain and that the chain links are not doubled up.
(See Figure A, next page.)
5. Decide what tree limb you want to cut, and plan where you want to stand so you are clear of falling limbs.

6. As you place the Chain (6) around the limb, step back from under the limb so that the Chain is at a 45 degree angle to the ground. **(See Figure A.)**
7. Position the Chain as close to the base of the limb as possible before cutting. **(See Figure A.)**
8. Undercut all the way around the limb which will help prevent the bark from peeling back. **(See Figure A.)**
9. Saw the limb in brisk, long, even strokes by pulling alternately on each Handle (4) of the tool. Use the full length of the Chain (6) on each stroke. **(See Figure A.)**
10. Stay in one place when you cut a particular limb, so the Chain (6) keeps cutting along the same plane. Changing the angle of the cut halfway through a cut may cause binding of the Chain. **(See Figure A.)**
11. The limb will be sawed through quickly. There's no need to paint the wound left by removing a limb. "Mother Nature" will mend the cut.
12. The Hand Chain Saw may also be used to remove roots which are growing too close to the surface. Clear away soil from the root, so you can place the Chain (6) under the root. Pull up on each Handle (4) to cut the root.
13. When finished using the Hand Chain Saw, make sure to store the tool in a clean, dry, safe location out of reach of children and other unauthorized people.



INSPECTION, MAINTENANCE, AND CLEANING

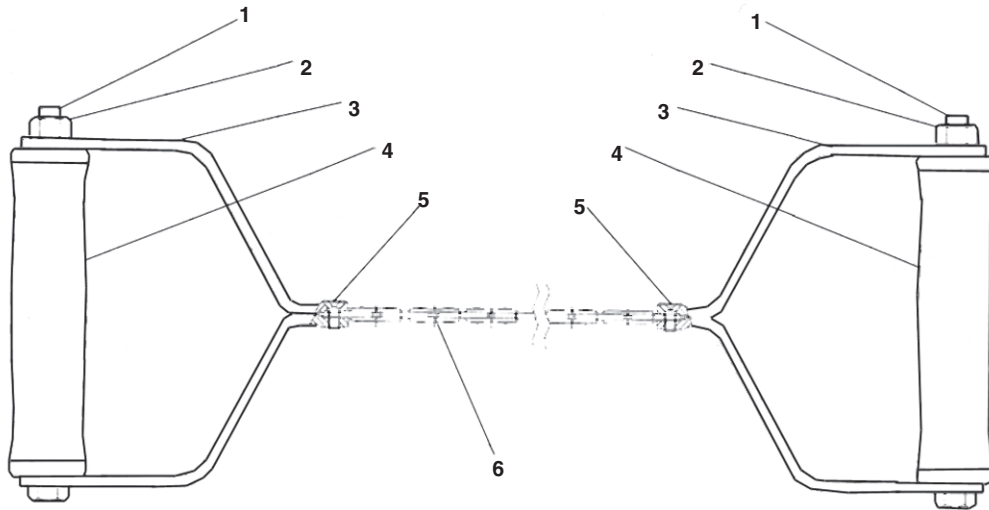
1.  **CAUTION!** Make sure to wear ANSI approved safety impact goggles and heavy work gloves before performing any inspection, maintenance, or cleaning of the Hand Chain Saw.
2. **Before each use:** Inspect the general condition of the Hand Chain Saw. Check for misalignment or binding of moving parts, damaged or loose parts, dull Chain, and any other condition that may affect the tool's safe operation. If a problem occurs, have the problem corrected before further use.
Do not use damaged equipment.
3. **Always keep the Chain clean and sharp.** Keep the Chain well oiled to prevent rust. Use lightweight machine oil or similar weight oil for best results. Until the Chain needs replacing, sharpen the Chain as you would a conventional saw chain with a 5/32" file (not included).
4. **To clean:** Use a clean, soft, damp cloth and mild detergent to clean the Hand Chain Saw. Then, allow to air-dry. Do not use solvents.
5. **When storing:** Always store the Hand Chain Saw in a safe, dry, clean location out of reach of children and other unauthorized people.
6.  **CAUTION!** All maintenance, service, and repairs not discussed in this manual should only be performed by a qualified service technician.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISKS AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

PARTS LIST AND ASSEMBLY DIAGRAM

Part #	Description	Qty.
1	Bolt	2
2	Nut	2
3	Frame	2
4	Handle	2
5	Screw	2
6	Chain	1



NOTE:

Some parts are listed and shown for illustration purposes only,
and are not available individually as replacement parts.